

301 H PILES-THRUST BLOCK

301.01 DESCRIPTION

Work includes furnishing all labor, materials, tools and equipment needed to install a complete thrust block foundation pile system as shown on the drawings.

All piles shall be installed by a Contractor qualified to install H piles. Minimum requirements for qualification shall consist of five years pile driving experience and evidence of a satisfactory completion of at least five pile installations comparable to this project in scope and subsurface conditions.

301.02 SUBMITTALS

Shop drawings showing pile layout details and pile splice details shall be submitted per 105.02. Pile hammer manufacturer's details and recommendations shall be submitted with shop drawings.

301.03 MATERIALS

Steel H Piles-816.02

Cap Plates-816.02

Reinforcing Steel, Grade 60 - 812.02

301.04 CONSTRUCTION REQUIREMENTS

Requirements of 701.03 through 701.06 apply for this work.

301.05 MEASURE AND PAYMENT

The unit of measure for Steel H Piles will be the linear foot.

The number of feet measured will be the actual number of linear feet left in the completed structure of piles acceptably driven as measured along the axis of the pile from the tip of the pile to the approved cutoff elevation. No measurement will be made for cutoffs, broken piles or piles driven out of position.

Payment for Steel H Piles will be made at the Contract unit price per linear foot for size specified, which payment will include temporary and permanent pile splices and welding, all labor, materials, tools, equipment and incidentals needed to furnish and drive piles complete in place.